SUPPLEMENTARY SECTION

Figure 1S: $^1$H NMR spectrum of 1, 1-bis (ethoxycarbonyl)-2-vinyl cyclopropane (BCVCP)
Figure 2S: 13C NMR spectrum of 1, 1-bis (ethoxycarbonyl)-2-vinyl cyclopropane (BCVCP)
Figure 3S: DEPT-135 spectrum of 1,

$\text{CH}_3\text{COOCH}_2\text{CH}_3$ - $\text{CH}_3\text{COOCH}_2\text{CH}_3$.

Electronic Supplementary Material (ESI) for RSC Advances
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Figure 4S: $^1$H NMR spectrum of Tris (dimethylaminoethyl) amine (Me$_6$-TREN)

Figure 5S: $^1$H NMR spectrum (in CDCl$_3$) of poly (1, 1-bis (ethoxycarbonyl)-2-vinyl cyclopropane (PBCVCP) by CuBr/ Me$_6$-TREN (Table 1, Expt. No. 2)
Copolymers of BCVP and MMA prepared via conventional radical polymerization (50: 50)

Heat Flow (mJ/g)

53°C (1)
0.63 J/g°C

45°C

57°C

Temperature (°C)
Figure 8S: DSC curve of copolymer prepared via ATRP method in (MMA: BCVCP= 50: 50) feed composition (Table 2, Expt. No 3)

Figure 9S: TGA curves of copolymer of BCVCP and MMA prepared at feed composition of MMA: BCVCP= 50: 50